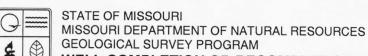
FORM DGC-3



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION		☐ DEEPEN			DATE		
ME OF COMPANY OR OPER		oorn Energy, L.L.	.c.		TATE	May 7, 2002	CODE
DRESS 24850 F	Farley		Bu	icyrus	SIAI	Kansas	66013
ESCRIPTION OF	WELL AND	LEASE	WELL NUMBER		CLEV	ATION (GROUND)	
ME OF LEASE Osbor	rn			1 - 9		90	68'
LL LOCATION	365	5 = 5500 00/6	(GIVE FOOTAGE F	240 FEET	FROM (E) (W) SECT	TION LINE	
LL LOCATION		TION FT. FROM (N)(S	TOWNSHIP	RANGE	COU	NTY	
	9		T43N	R33W		Cass	
AREST DISTANCE FI STANCE FROM PROF SPOSED DEPTH	POSED LOCAT	vne Christensen Com	HILLING, COMPLETE ME AND ADDRESS pany: 1345 Highfield	LINE	WELL ON THE SAM	NE LEASE ORK WILL S	START FEE
900'	1 (2	Jaan Alberta, T2G 5N	2				
MDER OF ACRES IN LEASE 9.013	NU	IMBER OF WELLS ON IMBER OF ABANDONI	LEASE, INCLUDING	THIS WELL, COMPLE None	ED IN OA DAICCIN		
LEASE PURCHASED	WITH ONE OF	MORE WELLS DRILL	ED, FROM WHOM PI	JRCHASED?	NO	IN	DUCING ECTION ACTIVE DONED
STATUS OF BOI	ND E	SINGLE WELL		AN BL	ANKET BOND	0 1	ON FILE ATTACHED
			IF NEEDED.)				
ROPOSED CASING	G PROGRAM			APPROVED CASIN		ED IN BY STATE	GEOLOGIST
AMOUNT	G PROGRAM SIZE	WT/FT	CEM.	AMOUNT	SIZE	ED IN BY STATE	CEM.
AMOUNT 20'	\$IZE 10 3/4"	32 lbs.	CEM.	AMOUNT ZO'		WT/FT	To Suface
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT ZO'	SIZE 10 3/1"	3 2 1 bs 201 bs	TO Satace
AMOUNT 20'	\$IZE 10 3/4"	WT/FT 32 lbs. 20 lbs.	CEM. 20' - Surface 800' - Surface	# To with 10	SIZE 103/1" 7" of bitton. Ant	WT/FT 3 2 1 bs 20 1 bs	TO SAFAGE TO to SAFAGE TO to SAFAGE
AMOUNT 20' 800'	51ZE 10 3/4" 7"	WT/FT 32 lbs. 20 lbs.	CEM. 20' - Surface 800' - Surface	# To within 10	SIZE 10 3/1" 7" of bitton Ant of the Osborn	Zolbs Zolbs Legals depta	TO Sufface TO to Sufface TO to Sufface TO to Sufface
AMOUNT 20' 800' the undersigned company), and the direction and	SIZE 10 3/4" 7"	wt/ft 32 lbs. 20 lbs. am the Sta	CEM. 20' - Surface 800' - Surface	# To with 10	SIZE 10 3/1" 7 " Osborn at this report wa ne best of my known	Zolbs Zolbs Zolbs Energy, L.L.C. s prepared undowledge.	TO Sufface TO to Sufface TO to Sufface TO to Sufface
AMOUNT 20' 800' the undersigned company), and the direction and GNATURE ERMIT NUMBER 2	SIZE 10 3/4" 7"	wt/ft 32 lbs. 20 lbs. am the Sta	cem. 20' - Surface 800' - Surface aff Geologist ampany to make re true, correct, and correct	AMOUNT ZO' 800 ** * To within to' this report, and the and complete to the R'S LOG REQUIRED INALYSIS REQUIRED ES REQUIRED ES NOT REQUIRED	SIZE 10 3/1" 7 " Of the Osborn at this report wa the best of my known E-LC FRUN DAIL	Zolbs Zolbs Zolbs Energy, L.L.C. s prepared undowledge.	To Sufface To To
AMOUNT 20' 800' the undersigned company), and the direction and GNATURE PPROVAL DATE PPROVED BY	size 10 3/4" 7" I, state that I am auth that the fact -7 - 0	wt/ft 32 lbs. 20 lbs. am the Stanorized by said control stated therein and stanorized by said control stanorized by said sta	CEM. 20' - Surface 800' - Surface aff Geologist ampany to make re true, correct, if CORE A SAMPL WATER	AMOUNT ZO' 800 + this report, and the and complete to the and complete to the and complete to the analysis required a	SIZE 10 3/1" 7 " Of the Osborn at this report wa the best of my known AT FRUN DAIL	Energy, L.L.C. s prepared undowledge.	To Sufface To To
AMOUNT 20' 800' the undersigned company), and the undersigned company), and the company and t	size 10 3/4" 7" I, state that I am auth that the fact -7 - 0 PERMIT NOT T	WT/FT 32 lbs. 20 lbs. am the State of the rein a state of the rei	CEM. 20' - Surface 800' - Surface Iff Geologist Impany to make re true, correct, if CORE A SAMPL WATER NY OTHER PERSON DUNCIL DOES NOT	AMOUNT ZO' 800 * * To within to' this report, and the and complete to the R'S LOG REQUIRED INALYSIS REQUIRED ES REQUIRED ES NOT REQUIRED	SIZE 10 3/1" 7 " of bitton Ant of the Osborn at this report wa ae best of my know DA FRUN DAIL DAIL OCATION	WT/FT 3 2 1 b 3 2 0 1 b 3 2 0 1 b 3 Energy, L.L.C. s prepared under owledge. TE OGS REQUIRED IF F	TO SURED IF ALL
AMOUNT 20' 800' the undersigned company), and the understion and the company	SIZE 10 3/4" 7" I, state that I am auth that the fact O TZ C - 7 - C WERMIT NOT T PERMIT BY THE MENT OF THE	am the State of the rein a	CEM. 20' - Surface 800' - Surface 800' - Surface Iff Geologist Impany to make re true, correct, iff CORE A SAMPL SAMPL WATER NY OTHER PERSON DUNCIL DOES NOT FITHE PERMITTEE	AMOUNT ZO' 800 * * To who is look this report, and the and complete to the R'S LOG REQUIRED INALYSIS REQUIRED ES REQUIRED ES REQUIRED SAMPLES REQUIRED OR TO ANY OTHER LOC CONSTITUTE ENDOR	SIZE 10 3/1" 7 " Of the Osborn at this report wa be best of my know FRUN DAIL OCATION SEMENT OF THE CO	Energy, L.C. s prepared undowledge. TE DGS REQUIRED IF F	TO SURGE TO TO SURGE TO TO TO SURGE TO TO SURGE TO TO SURGE TO TO SURGE TO THE PROPOSE THE PROPOSE THE PROPOSE THE PROPOSE TO THE PROPOSE THE PR
20' 800' the undersigned company), and the undersigned company), and the nd direction and ignature ERMIT NUMBER 2 PPROVAL DATE THIS F APPROVAL OF THIS F VELL NOR ENDORSE	size 10 3/4" 7" I, state that I am auth that the fact O TZ PERMIT NOT T PERMIT BY THE	WT/FT 32 lbs. 20 lbs. am the Sta norized by said co ts stated therein a RANSFERABLE TO AN HE OIL AND GAS CO COUALIFICATIONS OF	CEM. 20' - Surface 800' - Surface 800' - Surface In Geologist Impany to make re true, correct, in	AMOUNT ZO' 800 ** * To with id' this report, and the and complete to the and compl	SIZE 10 3/1" 7 " Of the Osborn at this report wa the best of my know DA E-LO FRUN DAIL DESTRUM DAIL OCATION ISEMENT OF THE O	Energy, L.C. s prepared undowledge. TE DGS REQUIRED IF F	TO SURGE TO TO SURGE TO TO TO SURGE TO TO SURGE TO TO SURGE TO TO SURGE TO THE PROPOSE THE PROPOSE THE PROPOSE THE PROPOSE TO THE PROPOSE THE PR



RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LONG

☐ NEW WELL DRY				_ read back			SAIVIE N	OILE	Gae (RESERV	OIN 🖂	OIL	_ GAS _	
OWNER							24850 Farley, Bucyrus, KS 66013							
Osborn Energ	gy, LLC						24850 Fa	arley, Bucyr	us, KS 6	66013`				
Osborn							1-9							
LOCATION OF WELL		WN RNG		OR			OCK AND SURVE			LA	ATITUDE		LONGITUDE	
Sec. 9 Twp 43 No	orth, Rng 33					□North [South 240 ft	. from ⊠East	□West					
			JMBER (OGC-3 OR OGC-	-31)									
Cass DATE SPUDDED		20720	AL DEDT	H REACHED	LDAT	E COMPLE	FED DE LEVI TO							
				H REACHED		DUCE OR I	TED READY TO NJECT	ELEVATION FEET	(DF, RKR, R	T, OR Gr.)	ELEVAT FLANGE		CASING HD.	
5/10/2002 5/12/2002					10	/15/200	6		968		FEET			
TOTAL DEPTH		PLUG BAC	K TOTAL	. DEPTH										
776'		None												
PRODUCING OR INJE	CTION INTERV	AL(S) FOR T	HIS COM	MPLETION			0 TO 776	LS USED (INTERV	AL)		CABLE	TOOLS	USED (INTERVAL)	
238-254 WAS THIS WELL DIRE	CTIONALLY		14400				DRILLING FLU							
		RILLED?		DIRECTIONAL SU				F DIRECTIONAL S		D?	DATE FI	LED		
Yes TYPE OF ELECTRICA	No No	OGS BLIN / II		es [N N	O CEOLO	Yes	<u></u>	10					
				S FILED WITH II	HE STA	ATE GEOLO	GIST)				DATE FI			
Dual Induct/C	omp Dens	sity Neut	ron			CACING	RECORD				05/13	3/200	2	
CASING (PEROF	T ALL STD	INCC CET	T IN L VA/E	THE CONDI			THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IN COL	AFRILITE DR				被制度	《安尼》 《阿斯特·马克斯	
CASING (REPOR		E DRILLED												
		EDRILLED	_	IZE CASING S	EI		HT (LB. FT)	DEPTH SE	T SA	ACKS CEM	ENT	AM	DUNT PULLED	
surface	13 1/4"		10	3/4"		40		20'	14					
production	9 7/8"		5	1/2"		15		540'	128	R				
			+						120					
CITE	THE REAL PROPERTY AND ADDRESS OF THE PARTY.	BING RE	The State of	A CONTRACTOR OF THE PERSON NAMED IN		- 1 A A A A A A A A A A A A A A A A A A				RECOR			75 1 2 1 3 1 V L	
SIZE	TU DEPTH SET	A REAL PROPERTY AND ADDRESS OF THE PARTY AND A	CORE		ZE	14.60	TOP	BOTTON		RECORI SACKS C		S	CREEN	
SIZE	DEPTH SET	ET P	ACKER S	FEET SIZ	ŽΕ	INCH	FEE	ET	FEET	SACKS C	EMENT		FEET	
	DEPTH SET	P	ACKER S	FEET SIZ	ŽΕ	INCH	ACID, S	SHOT, FRAC	FEET CTURE, C	SACKS C	EMENT		FEET	
	PERFO	ET P	REC	FEET SIZ			ACID, S	SHOT, FRAC	FEET CTURE, C	SACKS C	SQUE		FEET RECORD	
INCH NUMBER PER FE	PERFO	PARATION SIZE AND T	REC	FEET SIZ	H INTE	ERVAL	ACID, S	SHOT, FRAC JNT AND KIND ATERIAL USED	FEET CTURE, C	SACKS C	SQUE	E EZE	FEET RECORD	
INCH	PERFO	ET PARTION	REC	FEET SIZ		ERVAL	ACID, S	SHOT, FRAC	FEET CTURE, C	SACKS C	SQUE	EZE	FEET RECORD	
NUMBER PER FE	PERFO	PATION SIZE AND T	RECO	FEET SIZ	H INTE	ERVAL 38	ACID, S	SHOT, FRAC JNT AND KIND ATERIAL USED	FEET CTURE, C	SACKS C	SQUE DEPTI	H INTE	RECORD FRVAL	
INCH NUMBER PER FE	PERFO	PARATION SIZE AND T	RECO	FEET SIZ	H INTE	ERVAL 38	ACID, S AMOU MA 75gal/1	SHOT, FRAC JNT AND KIND ATERIAL USED	FEET CTURE, C	SACKS C	SQUE DEPTI	E EZE	RECORD FRVAL	
NUMBER PER FE	PERFO	PATION SIZE AND T 3 3/8" [RECOTYPE DP	FEET SIZE FEET ORD DEPTH 42	H INTE	ERVAL 38 70 TIAL PR	ACID, S AMOU MA 75gal/1	SHOT, FRAC JINT AND KIND ATERIAL USED 5%HCL/10	FEET PTURE, COOF	SACKS C	SQUE DEPTI	H INTE 24-43	RECORD FRVAL 88	
NUMBER PER FE 2 2 DATE OF FIRST PROD	PERFO	PATION SIZE AND T 3 3/8" [RECOTYPE DP	FEET SIZE FEET ORD DEPTH 42	H INTE	B8 70 TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS	SHOT, FRAC JNT AND KIND ATERIAL USED	FEET PTURE, COOF	SACKS C	SQUE DEPTI	H INTE 24-43	RECORD FRVAL 88	
NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006	PERFO	PARATION SIZE AND T 3 3/8" [3 3/8" [JECTION	RECO	FEET SIZE FEET ORD DEPTH 42	24-43 50-47 THOD (1	38 70 TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS	SHOT, FRAC JNT AND KIND ATERIAL USED 5%HCL/10	FEET FOOF OOO#	SACKS C	SQUE DEPTI 42 45 SIZE AND	24-43 50-47	RECORD RVAL 38 70 OF PUMP.)	
NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST	DEPTH SET FE PERFO SET SUCTION OR IN HOURS TESTE	PARATION SIZE AND T 3 3/8" [3 3/8" [RECO	FEET SIZE FEET ORD DEPTH 42 45 PRODUCING METER PUMPING -	24-43 50-47 THOD (1	38 70 TIAL PR	ACID, S AMOU 75gal/1 CODUCTION F FLOWING, GAS BBL GAS PRODUCED	SHOT, FRAC JNT AND KIND ATERIAL USED 5%HCL/10	FEET TURE, COF OOO# G - IF PUMP WATER PITEST	SACKS C	SQUE DEPTI 42 45 SIZE AND	24-43 50-47	RECORD REVAL 38 70 OF PUMP.)	
NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST	PERFO	PARATION SIZE AND T 3 3/8" [3 3/8" [JECTION	RECOTYPE DP F E SIZE	PRODUCING ME OIL PRODUCE TEST O BBLS	H INTE	38 70 TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF	SHOT, FRAC JNT AND KIND ATERIAL USED 5%HCL/10	FEET TURE, COP 000# G - IF PUMP WATER PITEST 10	SACKS C	SQUE DEPTI 42 45 SIZE AND	24-43 50-47 D TYPE	FEET RECORD REVAL 38 70 OF PUMP.) GRAVITY API (CORR.)	
NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST	DEPTH SET FE PERFO SET SUCTION OR IN HOURS TESTE	PARATION SIZE AND T 3 3/8" [3 3/8" [JECTION	RECOTYPE DP F E SIZE	PRODUCING METERST	1 1/2 1 1 1/2 2 1 1 1/2 3 1 1 1/2 5 1 1 1/2 5 1 1 1/2 5 1 1 1/2	TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF	SHOT, FRAC JNT AND KIND ATERIAL USED 5%HCL/10	FEET FTURE, COF 000# G - IF PUMP WATER PI TEST 10 WATER	SACKS CONTROL SA	SQUE DEPTI 42 45 SIZE AND	24-43 50-47 D TYPE	RECORD REVAL 38 70 OF PUMP.)	
NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST	PERFO	PARATION SIZE AND T 3 3/8" [3 3/8" [JECTION	RECOTYPE DP F E SIZE	FEET SIZE FEET ORD DEPTH 42 45 PRODUCING METOLOGY OIL PRODUCE TEST 0 BBLS ULATED RATE OF COMMENT OF COMME	1 1/2 1 1 1/2 2 1 1 1/2 3 1 1 1/2 5 1 1 1/2 5 1 1 1/2 5 1 1 1/2	TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF	SHOT, FRAC JNT AND KIND ATERIAL USED 5%HCL/10	FEET TURE, COP 000# G - IF PUMP WATER PITEST 10	SACKS CONTROL SA	SQUE DEPTI 42 45 SIZE AND	24-43 50-47 D TYPE	FEET RECORD REVAL 38 70 OF PUMP.) GRAVITY API (CORR.)	
NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST	PERFORMANCE OF THE PERFORMANCE O	PARATION SIZE AND T 3 3/8" [3 3/8" [GO CHOKE	RECOTYPE OP F F CALCIPROD	PRODUCING METATORIC TEST O BBLS ULATED RATE COUCTION PER 24	HINTE 24-43 50-47 INI THOD (11 1/2 ED DUF	TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF	SHOT, FRACE JINT AND KIND ATERIAL USED 5%HCL/10 LIFT, OR PUMPIN D DURING TEST	FEET FTURE, COF 000# G - IF PUMP WATER PI TEST 10 WATER	SACKS CONTROL SA	SQUE DEPTI 42 45 SIZE AND	24-43 50-47 D TYPE	FEET RECORD REVAL 38 70 OF PUMP.) GRAVITY API (CORR.)	
INCH NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST TUBING PRESSURE DISPOSITION OF GAS	DEPTH SET FE PERFO SET SUCTION OR IN HOURS TESTE 24 CASING PR (STATE WHETE	PARATION SIZE AND T 3 3/8" [3 3/8" [JECTION CHOKE ESSURE	RECOTYPE OP F F CALCIPROD	PRODUCING METATORIC TEST O BBLS ULATED RATE COUCTION PER 24	HINTE 24-43 50-47 INI THOD (11 1/2 ED DUF	TIAL PR	ACID, S AMOU MA 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF	SHOT, FRACE JINT AND KIND ATERIAL USED 5%HCL/10 LIFT, OR PUMPIN D DURING TEST	FEET FTURE, COF 000# G - IF PUMP WATER PI TEST 10 WATER	SACKS CONTROL SA	SQUE DEPTI 42 45 SIZE AND	24-43 50-47 D TYPE	FEET RECORD REVAL 38 70 OF PUMP.) GRAVITY API (CORR.)	
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INCH NUMBER PER FE 2 2 DATE OF FIRST PROD 10/30/2006 DATE OF TEST TUBING PRESSURE DISPOSITION OF GAS	DEPTH SET FE PERFO EET CASING PR (STATE WHETE L OF MUD PIT	PARATION SIZE AND T 3 3/8" [3 3/8" [CHOKE ESSURE HER VENTED CONTENTS	RECOTYPE DP DP FESIZE CALCIPROD	PRODUCING METOLING TEST ORD DEPTH 42 45 PRODUCING METOLING ME	HINTE 24-43 50-47 INI 11 1/2 11 1/2 11 1/2 11 1/2 11 1/2 11 1/2	TIAL PR (INDICATE II) 2" Insert	ACID, S AMOU MA 75gal/1 CODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF OIL O BBLS	SHOT, FRACE JINT AND KIND ATERIAL USED 5%HCL/10 LIFT, OR PUMPIN D DURING TEST GAS MCF	FEET FTURE, COF 000# G - IF PUMP WATER PI TEST 10 WATER	SACKS CONTROL SA	SQUE DEPTI 42 45 SIZE AND	24-43 50-47 D TYPE	FEET RECORD REVAL 38 70 OF PUMP.) GRAVITY API (CORR.)	
DATE OF FIRST PRODUCTION OF GAS METHOD OF DISPOSALET WATER ECERTIFICATE: to make this rep	DEPTH SET FE PERFO SET SUCTION OR IN HOURS TESTE 24 CASING PR (STATE WHETE L OF MUD PIT EVAPORA I, the Und ort, and tha	PARATION SIZE AND T 3 3/8" [3 3/8" [3 3/8" [CHOKE CONTENTS TE AND ersigned at this rep	RECOTYPE DP DP CALCE PROD D, USED D, USED O, USED O, USED	PRODUCING METOUR OF THE TOTAL OF THE LORS EBULLDO: that I am the as prepared	INII INII ITHOD (1 1 1/2 ED DUF	TIAL PR INDICATE II 2" Insert BING TO BA gent of the	ACID, S AMOUNT 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF OIL O BBLS CKFILL PIT ne OELLC (SHOT, FRACE JINT AND KIND ATERIAL USED 5%HCL/10 LIFT, OR PUMPIN D DURING TEST GAS MCF Company), a	FEET TURE, COP OOF OOO# WATER PITEST 10 WATER 10 BBLS	SACKS CO	SQUE DEPTI 42 45 SIZE AND DURING	1974 H INTE	FEET RECORD REVAL 38 70 OF PUMP.) BRAVITY API (CORR.) OIL RATIO	
DATE OF FIRST PRODUCTION OF GAS METHOD OF DISPOSALET WATER ECERTIFICATE:	DEPTH SET FE PERFO SET SUCTION OR IN HOURS TESTE 24 CASING PR (STATE WHET) L OF MUD PIT EVAPORA I, the Und ort, and the plete to the	PARATION SIZE AND T 3 3/8" [3 3/8" [3 3/8" [CHOKE CONTENTS TE AND ersigned at this rep	RECOTYPE DP DP CALCE PROD D, USED D, USED O, USED O, USED	PRODUCING METOUR OF THE TOTAL OF THE LORS EBULLDO: that I am the as prepared	INII INII ITHOD (1 1 1/2 ED DUF	TIAL PR INDICATE II 2" Insert BING TO BA gent of the	ACID, S AMOUNT 75gal/1 ODUCTION F FLOWING, GAS BBL GAS PRODUCED MCF OIL O BBLS CKFILL PIT ne OELLC (SHOT, FRACE JINT AND KIND ATERIAL USED 5%HCL/10 LIFT, OR PUMPIN D DURING TEST GAS MCF Company), a	FEET TURE, COP OOF OOO# WATER PITEST 10 WATER 10 BBLS	SACKS CO	SQUE DEPTI 42 45 SIZE AND DURING	1974 H INTE	FEET RECORD REVAL 38 70 OF PUMP.) BRAVITY API (CORR.) OIL RATIO	



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL WELL COMPLETION OF RECOMPLETION REPORT AND WELL LOG

Form OGC-5

RKOVER [DEEPEN	PLUG BACH	C INJECTION	☐ SAME RE	SERVO	DIR DIFFER	RENT RE	SERVOIR	OIL	IX GAS □ DRY	
ergy, L.L.C				ADDRESS 248	850 F	arley, Bucyr	us, Ka	nsas 660	013	CHTHSCA	
				WELL NUMBER							
					1-3		RANGE	OR BLOCK A	ND SURVE	1	
,	PERMIT NU	20720	(GC-31)								
1			PRODUCE OR	RINJECT FEET				r, OR Gr	FLANGE N/A		
1, 21, 2			waiting	on completion	on	300			-	FEET FEET	
	Lou one										
on INTERVAL	S) FOR THI	S COMPLETION		DRILLING FLUI	D USE	air & wa	iter		N/A		
ONALLY	WAS DIREC	NO	ADE?	WAS COPY OF	DIRECT N/A	TIONAL SURVEY	(VEY FILED?		DATE FILED N/A		
OTHER LOGS	RUN (LIST	LOGS FILED WITH	THE STATE GEOLO	GIST)					5/13/2002		
tion & co	препза	ted Delisity N	AND ADDRESS OF THE OWNER, THE OWN	G RECORD							
STRINGS S	ET IN WE	LL - CONDUCTO	R, SURFACE, INTI	ERMEDIATE, PI	RODU	CING, ETC.)					
			SET WEIGH	T (LB. FT)	DE	PTH SET	SAC	KS CEMEN	NT A	MOUNT PULLED	
13"		10 3/4"	32			21'		14		0	
8 3/4"		N/A	N/A			N/A		N/A		0	
			SIZE	TOP	-	BOTTOM	INER R	THE RESERVE OF THE PERSON NAMED IN	MENT	SCREEN	
DEPINSET	-0.6			1 1	FEET		FEET		FEI		
PERFOR	THE RESERVE TO A SECOND	Marian Street St			ACID	SHOT, FRACT	URE, C	EMENT SO	UEEZE RE	CORD	
			INTERVAL					DEPTH INTERVAL			
					1						
								CHOW PIZE	E AND TYPE	OF BUMP	
	CTION				IFT, OR	PUMPING — IF F	UMPING	, SHOW SIZE		0.75	
RS TESTED			DUCED DURING	GAS PRODUCED DU			TEST N/A			OIL GRAVITY N/A API (CORR	
CASING PR	ESSURE	CALTED RATE OF		OIL		GAS	WATER		bbls.	GAS OIL RATIO	
TATE WHETHE	R VENTED	USED FOR FUEL C	R SOLD)								
	apped										
OF MUD PIT CO	ONTENTS										
OF MUD PIT CO	L		orate then use	bulldozer t	o bac	ckfill pit					
UNDERSIGNED), STATE T	HAT I AM THE	Geologist COMP	ANY, AND THAT I	I AM AL	JTHORIZED BY S	AID COM	PANY TO MA	AKE THIS R	EPORT, AND THAT TH	
UNDERSIGNED), STATE T	HAT I AM THE	Geologist COMP	ANY, AND THAT I	I AM AL	JTHORIZED BY S	AID COM	PANY TO MA	AKE THIS RE	OF TH EPORT, AND THAT TH ST OF MY KNOWLEDG	
	ERGY, L.L.C. L & 240 FE ON INTERVALUATION & COMMENT TOTHER LOGS STRINGS S SIZE HOLE 13" 8 3/4" TUB DEPTH SET PERFOR SIZE AND TION OR INJERMAN CASING PR N/A CASING PR N/A	PERFORATION R SIZE AND TYPE TION OR INJECTION PERMIT NU DATE TOTA 5/ PLUG BACC DIN INTERVAL(S) FOR THI termined DNALLY WAS DIRECT WAS DIRECT WE SIZE HOLE DRILLED 13" 8 3/4" TUBING RECT PARFORATION R SIZE AND TYPE TION OR INJECTION MIDDELION TION OR INJECTION MIDDELION RS TESTED N/A CASING PRESSURE N/A	PERMIT NUMBER (OGC-3 OR C 20720 DATE TOTAL DEPTH REACHED 5/12/2002 PLUG BACK TOTAL DEPTH N/A DN INTERVAL(S) FOR THIS COMPLETION termined DNALLY WAS DIRECTIONAL SURVEY M NO OTHER LOGS RUN (LIST LOGS FILED WITH tion & Compensated Density No STRINGS SET IN WELL - CONDUCTO SIZE HOLE DRILLED SIZE CASING 13" 10 3/4" 8 3/4" N/A TUBING RECORD DEPTH SET PERFORATION RECORD SIZE AND TYPE DEPTH TION OR INJECTION mpletion RS TESTED N/A CASING PRESSURE	PERMIT NUMBER (OGC-3 OR OGC-31) 20720 DATE TOTAL DEPTH REACHED 5/12/2002 PLUG BACK TOTAL DEPTH N/A DN INTERVAL(S) FOR THIS COMPLETION termined DNALLY WAS DIRECTIONAL SURVEY MADE? 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NO STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCTION SIZE HOLE DRILLED SIZE CASING SET WEIGHT (LB. FT) DEPTH SET PERFORATION RECORD SIZE AND TYPE DEPTH INTERVAL INITIAL PRODUCTION MATER IN	ergy, L.L.C. ADDRESS 24850 Farley, Bucyr WELL NUMBER 1-9 SEC. TWP, AND 9 -T43 PERMIT NUMBER (OGC-3 OR OGC-31) 20720 DATE TOTAL DEPTH REACHED SIZE OR INSECT Waiting on completion PLUG BACK TOTAL DEPTH N/A DIN INTERVAL(S) FOR THIS COMPLETION PORT OF THE STATE GEOLOGIST) WAS DIRECTIONAL SURVEY MADE? NO OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) TION & Compensated Density Neutron Log CASING RECORD STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.) SIZE HOLE DRILLED SIZE CASING SET 13" 10 3/4" 32 21' 8 3/4" N/A N/A N/A N/A N/A N/A N/A N/	PERMIT NUMBER (OGC-3 OR OGC-31) JATE TOTAL DEPTH REACHED SEC. TWP. AND RANGE (OGC-3 OR OGC-31) 20720 DATE TOTAL DEPTH REACHED 5/12/2002 PLUG BACK TOTAL DEPTH N/A INITIAL PRODUCTION TUBING RECORD STEET PACKER SET AT FEET PERFORATION RECORD SIZE AND TYPE DEPTH INTERVAL SIZE AND TYPE DEPTH INTERVAL AMOUNT AND KIND OF PETH SET PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING METERS N/A CASING PRESSURE N/A CASING PRESSURE CASING RECORD SIZE AND TYPE DEPTH INTERVAL AMOUNT AND KIND OF MATERIAL USED INITIAL PRODUCTION TEST N/A DIA SAS PRODUCED DURING TEST N/A MAGE WAS PRODUCED DURING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING METERS N/A LASING PRESSURE CASING PRESSURE CASING RECORD LINER R AMOUNT AND KIND OF MATERIAL USED INITIAL PRODUCTION TEST N/A BOST ON WAS PRESSURE CASING RECORD LINER R AMOUNT AND KIND OF MATERIAL USED CASING PRESSURE CALTER OF PRODUCTED DURING TEST N/A BOST ON MATERIAL USED AMOUNT AND KIND OF MATERIAL USED AMO	ADDRESS 24850 Farley, Bucyrus, Kansas 660 WELL NUMBER 1-9 SEC. TWP. AND RANGE OR BLOCK / 9 - T43N-R33W PERMIT NUMBER (OGC-3 OR OGC-3I) 20720 DATE TOTAL DEPTH REACHED S/12/2002 PRODUCE OR INJECT Walting on Completion PLUG BACK TOTAL DEPTH N/A ON INTERVALIS) FOR THIS COMPLETION ROTARY TOOLS USED (INTERVAL) ON INTERVALIS) FOR THIS COMPLETION ROTARY TOOLS USED (INTERVAL) ON INTERVALIS) FOR THIS COMPLETION ROTARY TOOLS USED (INTERVAL) ON INTERVALIS) FOR THIS COMPLETION ROTARY TOOLS USED (INTERVAL) ON INTERVALIS) FOR THIS COMPLETION N/A ON INTERVALIS) FOR THIS COMPLETION ROTARY TOOLS USED (INTERVAL) ON INTERVALIS) FOR THIS COMPLETION N/A ON INTERVALIS FOR THIS COMPLETION N/A ON INTERVALIS FOR THIS COMPLETION N/A ON INTERVALIS ON INTERVALI	TUBING RECORD STEEL NIA SACKS CEMENT TOP PREFORMION RECORD SIZE AND TYPE TUBING RECORD SIZE AND TYPE SEC. TWP. AND RANGE OR BLOCK AND SURVEY 9 -T43N-R33W SEC. TWP. AND RANGE OR BLOCK AND SURVEY FEET 968' CABLE TOC. N/A DATE FILED AND RECORD SIZE HOLE OR BLOCK AND SURVEY FILED AND RECORD SACK SEMENT AND RANGE OR BLOCK AND SURVEY FILED SACK SEMENT AND RANGE SACK SEMENT SACK SEMENT AND RANGE SACK SE	

Drillers Log

Osborn #1-9

365' FSL, 240' FEL

Section 9-T43N-R33W

Cass Co., MO

OGC # 20720

Elevation: 968 GL, 971 KB (est. from Topo Map)

Drilling Contractor: Layne Energy

Spud: 5/10/2002

Surface: 10.75" csg set at 21', cmt'd w/ 14sx

Core Hole Total Depth: 756'

Rotary Total Depth: 776' (drlg 20' deeper after reaming)

Bore Hole: 8 3/4", after reaming

Drilling Fluid: Air, mudded up to log (chemical/gel)

10 Soil and Limestone Rubble

49 Limestone

54 Shale, black

80 Limestone

84 Shale, black

94 Limestone

98 Shale, dark gray

102 Limestone and shale

208 Shale and sandy shale

210 Shale, black

238 Sandy shale

242 Shale, black

280 Sand and shale

290 Shale, dark gray

296 Limestone

310 Lime and shale

322 Limestone

338 Sandy shale

342 Limestone, hard

348 Shale, black

356 Sandy shale

389 Limestone

393 Shale, black

408 Lime and shale

412 Shale, black

473 Sand and shale breaks (light shows of oil)

490 Shale, dark gray

494 Shale, black

500 Limestone and shale

504 Shale, black

565 Shale

574 Shale, black

606 Sand and sandy shale

622 Shale, dark gray and black

662 Shale and sandy shale

668 Sand (no show)

676 Shale, dark gray and black

710 Sand and shale (no show)

718 Shale, dark

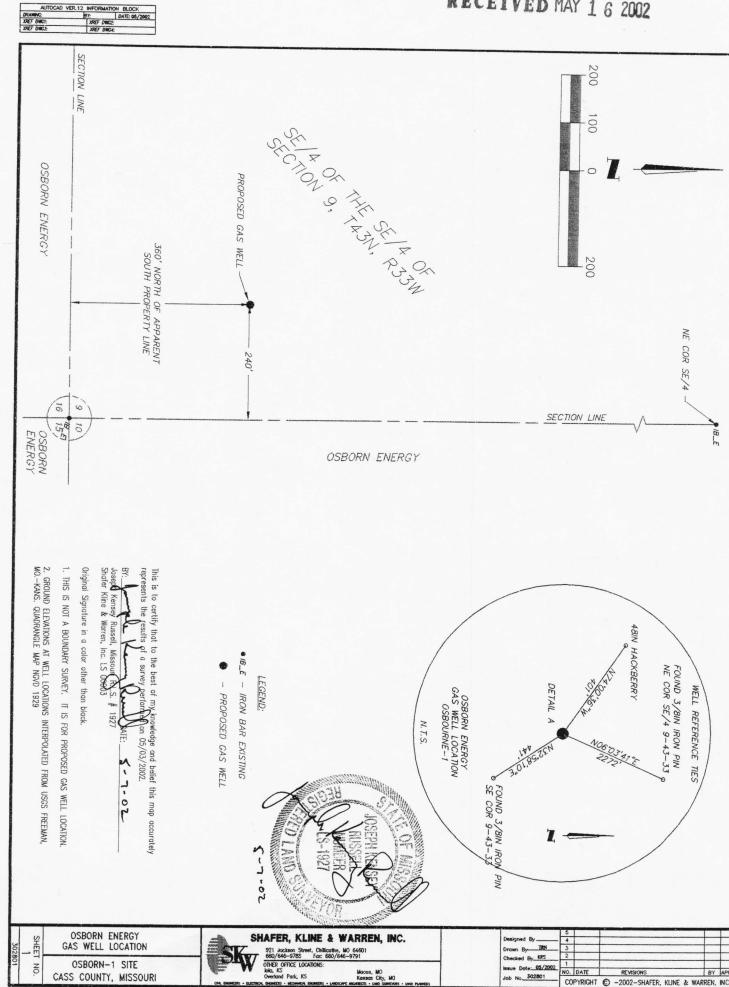
732 Real sandy shale

742 Shale, dark

746 Limestone and flint rock

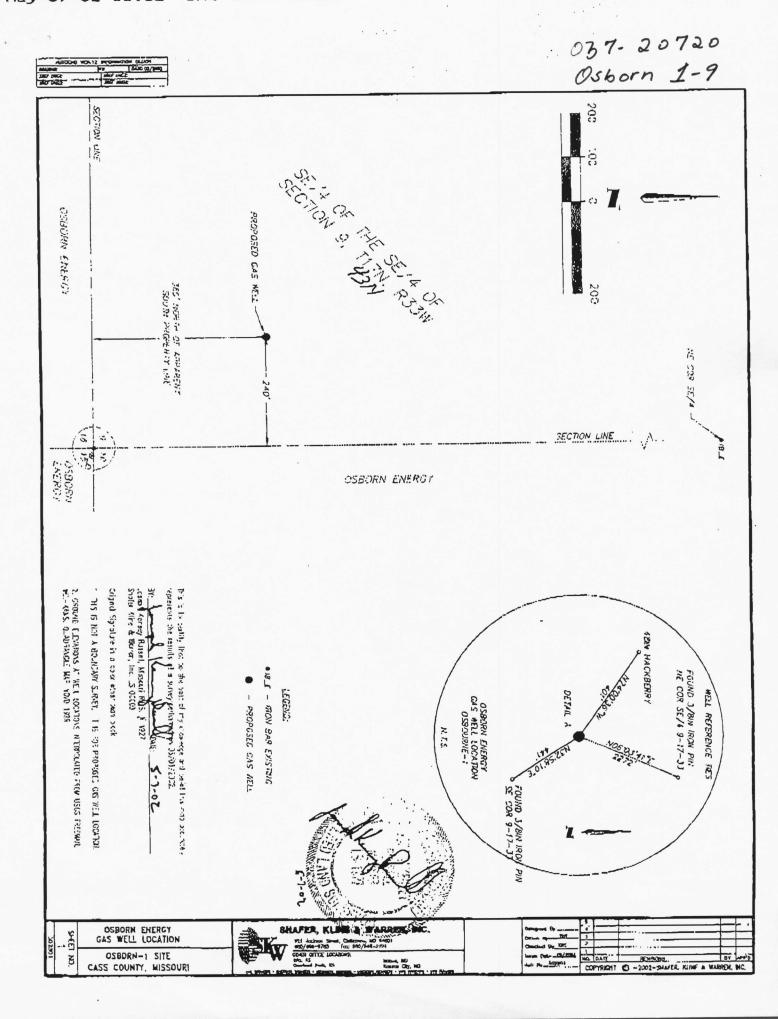
776 Limestone

776 Total Depth



816-646-9791

Ø003



RECEIVED

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

MAY 25 2007

08839 TICKET NUMBER_

LOCATION OTTOWY
FOREMAN Alan Mady

Mo Oil & Gas Colling CKET

				CEMEN	T			
DATE	CUSTOMER #	WELI	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10.4.06	6073	asborn	1-9		9	341	3.3	(450 M
CUSTOMER	<i>F</i>				TRUCK #	CRIVER	TDLICK #	DRIVER
		4		-		1 4	TROCK#	BRIVER
		110.1			164	RIGHT		
CITY	7-4	STATE	ZIP CODE		122	Ko a Humi		
Buch	CUE	155	66013		100	1 ter waren		
			71/8	HOLE DEPTH	550	CASING SIZE & W	EIGHT 5	2
					•		OTHER	
						CEMENT LEFT in	CASING	
		DISPLACEMEN	T PSI	MIX PSI		RATE		
REMARKS: W	rashed	7. Toin	ts of	easing	ala, 1	F stablish	ed cir	culation
MSVe	e d Dun	ped a	- (1	el to fy	ush how	le. Mixe	A & Pun	ped 7
661 d	ye na	Ker fil	Mome	dby			PD2, 29	ogel_
	Circula	ted d	ve to	Surfa		0	mp or	, ,
Pump.	ed 51/2	plus +	o eq.51	ns TD.	Check	ed depth	with	wire-
line,	Set 1	loat.						
		1, 1				1 4		
_ C15to	men 52	pplied	wate	<u> </u>		11000	Mak	1
						J Jean	Ovino	
ACCOUNT	r		Τ _				LINET BRIGE	TOTAL
CODE	QUANTITY	or UNITS	D	ESCRIPTION of	SERVICES or PR		UNIT PRICE	TOTAL
5401			PUMP CHARG	GE		1641		800.00
5406	13	5	MILEAGE	,		167		4/125
3402	33	<u>l'</u>	gasin	5 toota	150	130		NIC
5407A			ton v	niles				2922
5609			Pump	truck u	uagh tin	ne 164		132.00
								(11/2
111815			ge!					64.68
1124	1	285x	30/50	POZ				11.32.80
WYD6			5/2	Olya				36.00
								2545
D.4106 6073 Osborn 1-9 OSBORN Freigy MARINGADDRESS 24950 Farley STATE ZIPCODE BUCY/US JOB TYPE Lang atrias DISPLACEMENT DIS		2545.0						
						4.8%	SALES TAX	85,24
						4 0 0	ESTIMATAD	21 22 74
	1.	.6 n.n	1011				тот	1630.00
AUTHORIZATION	100	#209	274	TITLE			DATE	11.0
						1	-an	Valen

RECEIVED

CONSOLIDATED OIL WELL SERVICES, INC. P.O. BOX 884, CHANUTE, KS 66720

MAY 25 2007

TICKET NUMBER 41991
FIELD TICKET REF# 29670

620-431-9210 OR 800-487-8676

Mo Oil & Gas Council

LOCATION Thanks
FOREMAN Consultation

TREATMENT REPORT FRAC & ACID

DATE CUSTO	OMER# WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
10-30-06	Osbom	1-9		9	43	33	Casalno
CUSTOMER							
Osbom 6	ergy LLC			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS	7		1	293	Scott		
				482	Perry	-212 30 5 -	
CITY	STATE	ZIP CODE	1	449	Randy		
				488/TIO2	Steve H.	24	
化 医 医 医				455/195	Danny		
	WELL DATA		•		,		
CASING SIZE 54	TOTAL DEPTH		1		TYPE OF TR	EATMENT	
CASING WEIGHT	PLUG DEPTH			Acid Sam	+ / Fractur	4	
TUBING SIZE	PACKER DEPTH			The spo	+ Freeten	CALS	
TUBING WEIGHT	OPEN HOLE			75 and 15	2 HILACIA	Custome	Darle
PERFS & FORMATION				3		20 60	
422-38	(30) e 1					Browide	
450-70	(42) Squire			B	caler	Non-Emulas	- EST-N
430 10						Non Brugge	
STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI		
Pad	20	18			(400	BREAKDOWN	1100
20/40		1	.2575	1000	(660)	START PRESSURE	
12/20			.75-2.5	4600	(600-7470	END PRESSURE	850
Cla	_ up	1			750	BALL OFF PRESS	
10+10+10+1		18-17.5			750- 900	ROCK SALT PRES	3
12/20		17.5	1-3	5000	900-1010-900	ISIP	450
Flush		1			900-850	5 MIN	
Querflach	20	1			860	10 MIN	
00401-11						15 MIN	
	242			10000		MIN RATE	17.5
	010			,,,,,		MAX RATE	18
					 		
					 	DISPLACEMENT	40
							
				ļ	1	L	
REMARKS: 5	pot 75 acrd.	to pure	s- break	down an	d start p	ad	
	•	·					
AUTHORIZATION			TITLE			DATE	

Letter of Transmittal



Shetlar Griffith Shetlar

A Division of Shafer, Kline & Warren, Inc. 216 N. Jefferson Iola, KS 66749

Phone: 620-365-5101 Fax: 620-365-6828

TO: Missouri Department of Natural

Resources P.O. Box 250 Rolla, MO 65020 Date: May 13, 2002

Attn: Sherri Stoner

Regarding: Osborn Energy Gas well

locations

We are sending you:

Copy of signed survey site plans.

Description:

Osborn - 1 and Smith - 1

Remarks:

These were FAXed to you previouly

Copy To:

SENT BY: Kenneth Shetlar